PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

nder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 2

Complete if Known				
Application Number	10/729,520			
Filing Date December 5, 2003				
First Named Inventor	Roy Hirst			
Art Unit	Unknown 2145			
Examiner Name	Unknown MOFIZ			
Attorney Docket Number	MS305473.1/MSFTP491US			

Examiner	Cite	Document Number	Publication Date	F DOCUMENTS  Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code <sup>2 (8 known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
Am		<sup>US-</sup> 6,681,223	01-20-2004	Sundaresan	
An		<sup>US-</sup> 6,493,719	12-10-2002	Booth, et al.	
Am		<sup>US-</sup> 6,205,471	03-20-2001	Gilchrist, et al.	
An		<sup>US-</sup> 5,960,422	09-28-1999	Prasad	
• • • • • • • • • • • • • • • • • • • •		US-			
		US-			
		US-			
		US-			
_		US-			
		US-			·
		US-			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Π	
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T°	
						Ļ	
	ļ					⊩	
						┡	
	<b></b>					┢	
	<del> </del>		_			十	

Examiner Signature	town	Da	Date Considered	05-16-26

\*EXAMINER: Initial if reference solsidered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO				Complete if Known		
Judanio	10 10 10 11 14401 10			Application Number	10/729,520	
INFO	ORMATION	N DIS	CLOSURE	Filing Date	December 5, 2003	
STA	STATEMENT BY APPLICANT			First Named Inventor	Roy Hirst	
	(llee on many sh		nencenne)	Art Unit	Waknown 2165	
(Use as many sheets as necessary)			ressary)	Examiner Name	Unknown MOF12	
Sheet	2	of	2	Attorney Docket Number	MS305473.1/MSFTP491US	

Examiner	Cite	NON PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	
Initials*	No.¹	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
Au		CHRISTOFER STAFF. Hypercontext: A Model for Adaptive Hyptertext. In Proc. of the 6th International Conference in User Modeling, 1997. 3 pages.	
		GERD KAMP. Multiple Case Representations and Similarity-based Systems. Department of Computer Science, University of Hamburg, 1996. 8 pages.	
And		A.M. ZAREMSKI and J.M. WING. Specification Matching of Software Components. ACM Transactions of Software Engineering and Methods, Vol. 6 Issue 4, pp. 333-369, 1997.	
,			
-			

	A			
Examiner	Anna	7	Date	- 11 01
Signature /	1 XV (1,00)	( \	Considered	05-16-00
ACC 44 A 414 IC C		ALL STANSON IN TO A SECOND STANSON AND COO	Dearest Constitution of	talles if and in an dominant and and

<sup>\*</sup>EXAMINER: Initially reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, thickde copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.